

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Michael D. Quinn, et al.

SERIAL NO: 08/420,503

: GROUP ART UNIT: 3311

FILED: April 12, 1995

: EXAMINER: Nasser

FOR: Thermolulution Catheter Having a
Safe, Flexible Heating Element



RESPONSE UNDER 37 C.F.R. 1.129(a)

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

The above-identified application is entitled to the provisions under 37 CFR 1.129(a) and Applicants respectfully request removal of the finality of the Office Action dated September 4, 1996.

The item(s) checked below are appropriate:

1. ☒ This is a first submission under 37 CFR 1.129(a).
2. ☐ This is a second submission under 37 CFR 1.129(a).
3. ☐ It is requested that the amendment previously filed on _____ be entered.
4. ☒ A Petition for Extension of Time under 37 CFR 1.136 was filed on December 16, 1996 for 1 month(s).
5. ☒ A Petition for Extension of Time (Second One Month) under 37 CFR 1.136 is attached.
6. ☒ The following additional papers are being filed herewith: Attachments 1-13 to Amendment: ((1) Lexus printout of portions of Wallace et al. '840 Patent; (2) Wallace et al. Patent '840; (3) Wallace et al. Patent '723; (4) Moorhead Patent '703; (5) LEXUS printout of portions of Moorhead Patent '703; (6) Haber et al. Patent '479; (7) Lexus printout of portions of Haber et al. Patent '479; (8) Nestor Patent '886; (9) Lexus printout of portions of Nestor Patent '886; (10) Sussman Patent '556; (11) Lexus printout of portions of Sussman Patent '556; (12) Groshong et al. Patent '046; (13) Lexus printout of portions of Groshong Patent '046.)
7. ☒ An Amendment is being filed herewith.

The Fee has been calculated as shown below.

	CLAIMS REMAINING AFTER		HIGHEST NUMBER PREVIOUSLY PAID FOR	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	20	MINUS	20	=	X \$22 =	\$
INDEP	5	MINUS	6	= 1	X \$80 =	\$ 80.00
	Fee Under 37 CFR 1.17(r)				+ \$770 =	\$770.00
	TOTAL OF ABOVE CALCULATIONS =					\$ 80.00
	Reduction by 50% for filing by Small Entity					\$
	TOTAL					\$850.00

XX A check in the amount of \$ 1,130.00 is attached.

XX Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

XX If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. \$1.136, and any additional fees required under 37 C.F.R. \$1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:
QUINN ET AL.



: GROUP: 3311

SERIAL NO: 08/42 50 1997

FILED: APRIL 12, 1997 : EXAMINER: NASSER

FOR: THERMODILUTION CATHETER
HAVING A SAFE, FLEXIBLE
HEATING ELEMENT

330 GL 02/07/97 08420503
1 146 770.00 CK
1 102 80.00 CK

AMENDMENT

RECEIVED

FEB 19 1997

GROUP 3300

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS
WASHINGTON, D.C. 20231

SIR:

Responsive to the final office action dated September 04,
1996 please amend the above-identified application as follows:

IN THE SPECIFICATION

Please amend the spcification as follows.

Page 15, line 23, delete "and";

line 26, delete "invention." and insert therefor --

invention;

FIG. 9 is a schematic cross-sectional view of the catheter
of FIG. 1 showing the fiber optic filaments of a fiber optic
bundle in one of the lumens in accordance with the invention; and

Fig. 10 is a partial perspective view of a catheter
including the fiber optic apparatus in accordance with the
invention.--